

Title (en)

METHODS AND APPARATUS FOR MANAGING NETWORK RESOURCES USED BY MULTIMEDIA STREAMS IN A VIRTUAL PIPE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERWALTUNG VON NETZWERKRESSOURCEN FÜR MULTIMEDIA-STREAMS IN EINER VIRTUELLEN PIPELINE

Title (fr)

PROCÉDÉS ET APPAREIL POUR GÉRER DES RESSOURCES DE RÉSEAU UTILISÉES PAR DES FLUX MULTIMÉDIAS DANS UN CANAL VIRTUEL

Publication

**EP 2817974 B1 20180509 (EN)**

Application

**EP 13751368 A 20130219**

Priority

- US 201213403075 A 20120223
- IB 2013051352 W 20130219

Abstract (en)

[origin: US2013227625A1] Some embodiments are directed to a method performed by a pipe control node for managing network resources that are used to transport network traffic. The method includes allocating network resources to a virtual pipe for transporting a plurality of multimedia streams through the network. Utilization of the network resources by the plurality of multimedia streams transported through the virtual pipe is monitored relative to the network resources allocated to the virtual pipe. The network resources that are used by the plurality of multimedia streams transported through the virtual pipe are managed in response to the monitored utilization. Some other embodiments are directed to a corresponding pipe control node that manages network resources which are used to transport network traffic.

IPC 8 full level

**H04H 60/82** (2008.01); **H04L 12/911** (2013.01); **H04L 12/913** (2013.01); **H04L 12/927** (2013.01); **H04L 29/06** (2006.01); **H04L 47/724** (2022.01); **H04L 47/80** (2022.01); **H04N 21/60** (2011.01); **H04N 21/61** (2011.01); **H04N 21/643** (2011.01); **H04N 21/647** (2011.01); **H04W 4/00** (2018.01)

CPC (source: CN EP US)

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Citation (examination)

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- BALDI ET AL: "A scalable solution for engineering streaming traffic in the future Internet", COMPUTER NETWORKS, ELSEVIER, AMSTERDAM, NL, vol. 51, no. 14, 31 July 2007 (2007-07-31), pages 4092 - 4111, XP022182444, ISSN: 1389-1286, DOI: 10.1016/J.COMNET.2007.04.019

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DOCDB simple family (publication)

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DOCDB simple family (application)

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